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AMENDMENT TO THE CLAIMS

[c01]   (Currently Amended) A method, comprising:

storing in memory at least one of audio data and video data of an event, the video data comprising a series of picture frames;

storing at least one of the audio data and the video data in a loop buffer;

receiving vehicular data describing powertrain management system information, electrical management system information, and chassis management system information;

storing a set of rules specifying the vehicular data that causes a transfer of a contents of the loop buffer to the memory; and

when the vehicular data satisfies a rule, then transferring the contents of the loop buffer to the memory to provide at least one of time-delayed audio data and time-delayed video data, the time-delayed audio data and the time-delayed video data preceding the event; and

tagging at least one of the time-delayed audio data and the time-delayed video data with metadata describing the rule that caused the contents of the loop buffer to be transferred to the memory.

[c02]   (Currently Amended) A method according to claim 1, wherein receiving the vehicular data comprises receiving data representing an output from at least one of a yaw, a pitch, and a roll accelerometer further comprising applying a set of rules to transfer the contents of the loop buffer to memory.

[c03]   (Original) A method according to claim 1, further comprising transferring the contents of the loop buffer to a mass-storage device.

[c04]   (Original) A method according to claim 1, further comprising transferring the contents of the loop buffer to an optical storage device.

[c05]   (Original) A method according to claim 1, further comprising transferring the contents of the loop buffer to a flash memory storage device.

[c06]   (Original) A method according to claim 1, further comprising communicating the contents of the loop buffer via a communications network.

[c07]   (Original) A method according to claim 1, further comprising interfacing with a switch to transfer the contents of the loop buffer to the memory.

[c08]   (Currently Amended) A method according to claim 1, wherein receiving the vehicular data comprises receiving data representing an output from an electrical sensor further comprising interfacing with a vehicle controller to transfer the contents of the loop buffer to the memory.

[c09]   (Currently Amended) A method according to claim 1, further comprising tagging the video data with metadata, the metadata providing a description of the contents of the loop buffer.

[c10]   (Original) A method according to claim 1, further comprising interfacing with means for sensing the event.

[c11]   (Currently Amended) A method, comprising:

storing in memory at least one of audio data and video data of an event, the video data comprising a series of picture frames;
storing at least one of the audio data and the video data in a loop buffer;
specifying at least one of i) multiple regions of interest within a single picture frame and ii) multiple regions of disinterest within the single picture frame; and
receiving vehicular data describing powertrain management system information, electrical management system information, and chassis management system information;

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storing a set of rules specifying the vehicular data that causes a transfer of a contents of the loop buffer to the memory;

when the vehicular data satisfies a rule, then transferring the contents of the loop buffer to the memory, the contents of the loop buffer providing at least one of time-delayed audio data and time-delayed video data, the time-delayed audio data and the time-delayed video data preceding the event; and

tagging at least one of the time-delayed audio data and the time-delayed video data with metadata describing the rule that caused the contents of the loop buffer to be transferred to the memory.

[c12] (Original) A method according to claim 11, further comprising transferring the contents of the loop buffer to an optical storage device.

[c13] (Currently Amended) A method according to claim 11, further comprising applying the [[a]] set of rules when specifying the multiple regions of interest and the multiple regions of disinterest.

[c14] (Currently Amended) A method according to claim 11, wherein receiving the vehicular data comprises receiving data representing an output from at least one of a yaw, a pitch, and a roll accelerometer further comprising applying a set of rules to transfer the contents of the loop buffer to the memory.

[c15] (Original) A method according to claim 11, further comprising interfacing with means for sensing the event.

[c16] (Original) A method according to claim 11, further comprising communicating the contents of the loop buffer via a communications network.

[c17] (Currently Amended) A method according to claim 11, further comprising tagging the video data with ~~metadata, the metadata providing~~ a description of the contents of the loop buffer.

[c18] (Currently Amended) A method, comprising:

storing in memory at least one of audio data and video data of an event, the video data comprising a series of picture frames;

storing at least one of the audio data and the video data in a loop buffer;

specifying at least one of i) multiple regions of interest within a single picture frame and ii) multiple regions of disinterest within the single picture frame;

receiving vehicular data describing powertrain management system information, electrical management system information, and chassis management system information;

storing a set of rules specifying the vehicular data that causes a transfer of a contents of the loop buffer to the memory;

when the vehicular data satisfies a rule, then transferring the contents of the loop buffer to the memory, the contents of the loop buffer transferred at a bitrate associated with the region of interest, the contents of the loop buffer providing at least one of time-delayed audio data and time-delayed video data, the time-delayed audio data and the time-delayed video data preceding the event in time; and

tagging at least one of the time-delayed audio data and the time-delayed video data with metadata describing the rule that caused the contents of the loop buffer to be transferred to the memory.

[c19] (Currently Amended) A method according to claim 18, wherein receiving the vehicular data comprises receiving data representing an output from at least one of a yaw, a pitch, and a roll accelerometer ~~further comprising applying a set of rules to transfer the contents of the loop buffer to the memory~~.

[c20]   (Currently Amended) A method according to claim 18, further comprising applying <u>the</u> [a] set of rules to dynamically vary the bitrate of the transferred contents of the loop buffer.